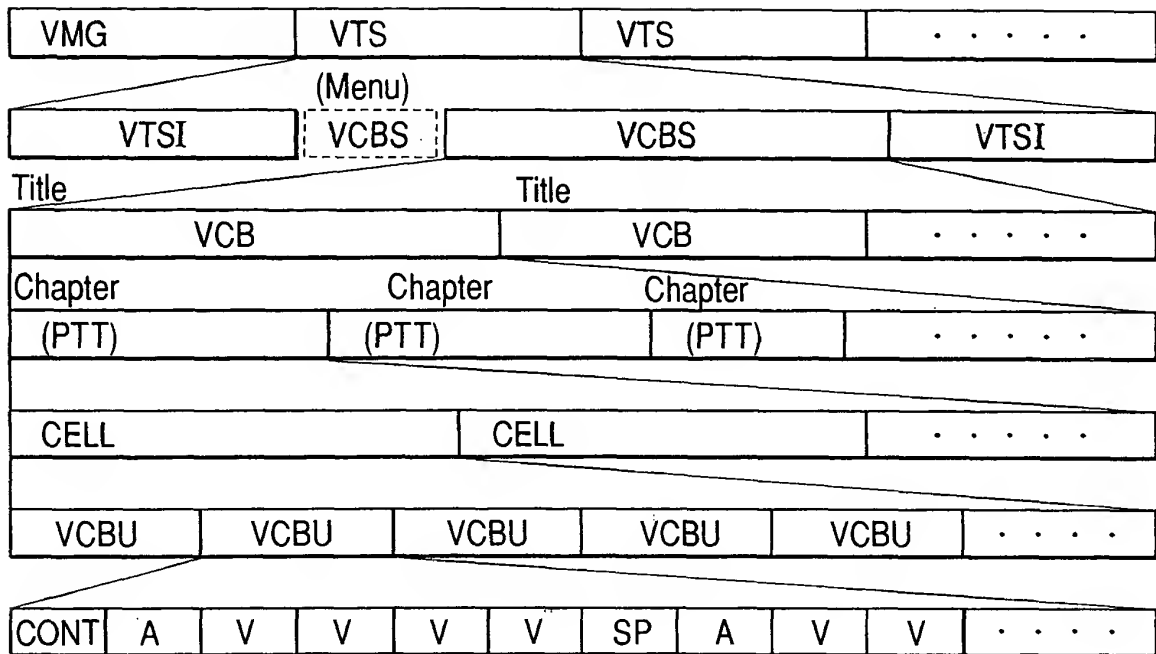
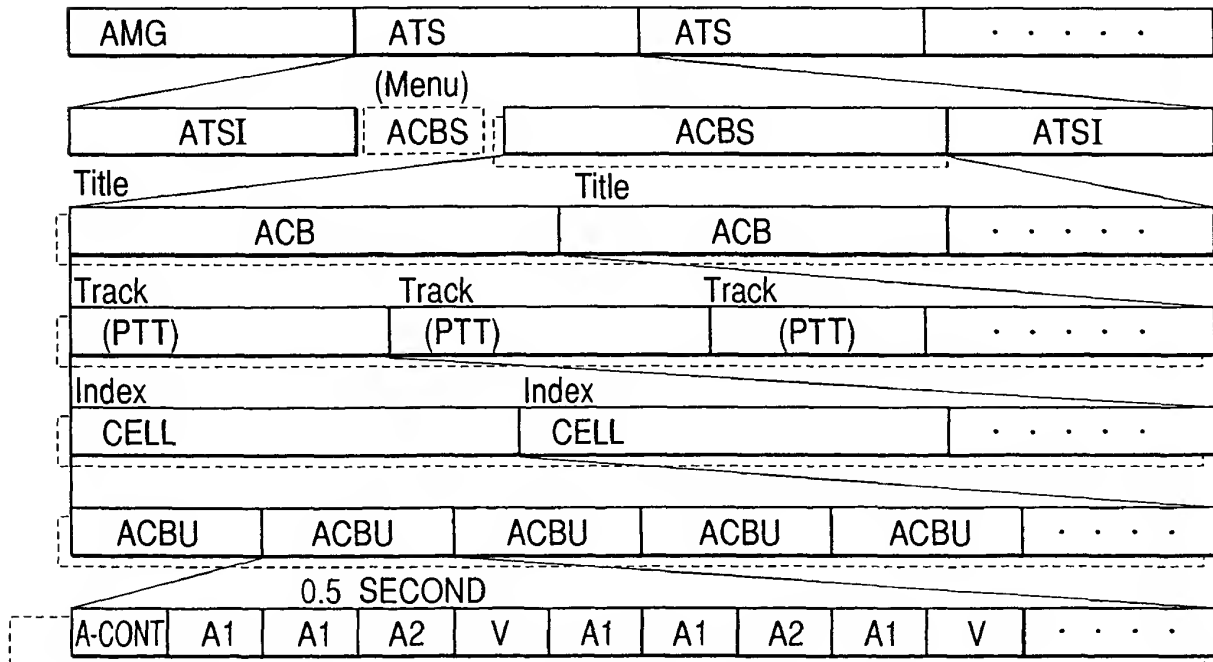
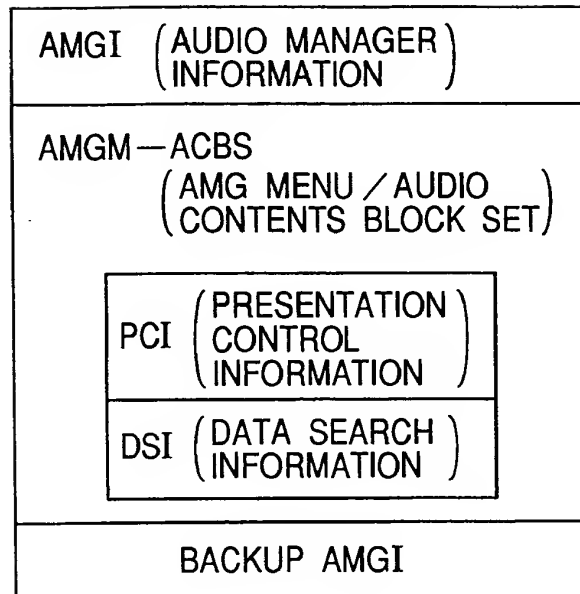


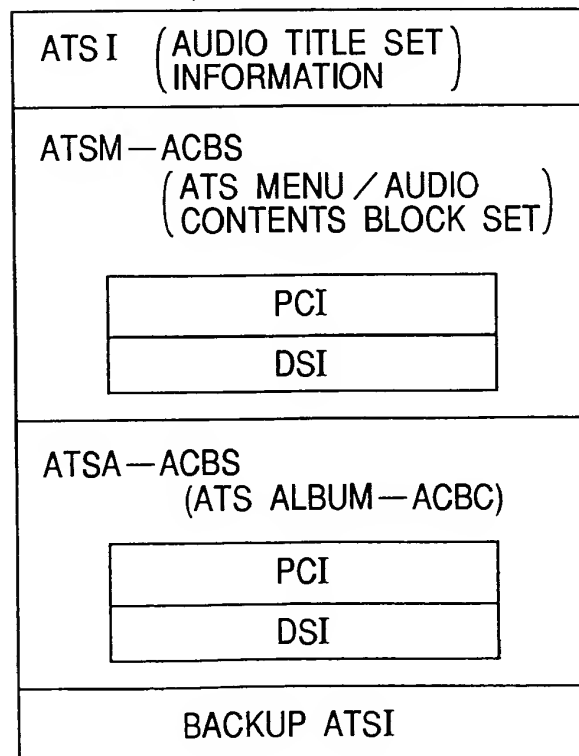
**FIG. 1****FIG. 2**

**FIG. 3**

AMG (AUDIO MANAGER)

**FIG. 4**

ATS (AUDIO TITLE SET)



**FIG. 5**

AMGI (AUDIO MANAGER)  
(INFORMATION)

AMGI — MAT (AMGI MANAGEMENT TABLE)
T — SRPT (TITLE SEARCH POINTER TABLE)
AMGM — PGC I — UT (AUDIO MANAGER MENU) (PGC I UNIT TABLE)
PTL — MAIT (PARENTAL MANAGEMENT) (INFORMATION TABLE)
ATS — ATRT (AUDIO TITLE SET ATTRIBUTE TABLE)
TXTDT — MG (TEXT DATA MANAGER)
AMGM — C — ADT (AMGM CELL ADDRESS TABLE)
AMGM — ACBU — ADMAP (AMGM — ACBU — ADDRESS MAP)

**FIG. 6**

ATS—ATRT (AUDIO TITLE SET  
ATTRIBUTE TABLE)

	ATS—ATRTI (ATS—ATRT INFORMATION)
n	ATS—ATR—SRP#1 (ATS#1—AAS—ATR) (SEARCH POINTER)
n	ATS—ATR—SRP#n
	ATS—ATR#1 (ATS#1—AAS ATTRIBUTE)
	ATS—ATR#n

**FIG. 7**

ATS—ATR (ATS ATTRIBUTE)

ATS—ATR—EA (END ADDRESS)	4 BYTES
ATS—CAT (CATEGORY)	4 BYTES
ATS—ATR I (ATS—ATR INFORMATION)	768 BYTES

**FIG. 8**

ATSI (AUDIO TITLE SET  
INFORMATION)

ATSI—MAT (ATSI MANAGEMENT TABLE)
ATS—PTT—SRPT (ATS PART OF TITLE SEARCH POINTER TABLE)
ATS—PGCIT (ATS PROGRAM CHAIN INFORMATION TABLE)
ATSM—PGCI—UT (ATS MENU PROGRAM CHAIN UNIT TABLE)
ATS—TMAPT (ATS TIME MAP TABLE)
ATSM—C—ADT (ATS MENU CELL ADDRESS TABLE)
ATSM—ACBU—ADMAP (ATS MENU ACBU ADDRESS MAP)
ATS—C—ADT (ATS CELL ADDRESS TABLE)
ATS—ACBU—ADMAP (ATS—ACBU—ADDRESS MAP)

**FIG. 9**

ATSI — MAT  
(ATSI MANAGEMENT TABLE)

ATS — ID (IDENTIFIER)	
ATS — EA (END ADDRESS)	
ATSI — EA	
VERN (VERSION NUMBER)	
ATS — CAT (CATEGORY)	
ATSI — MAT — EA	
ATSM — ACBS — SA (START ADDRESS)	
ATSA — ACBS — SA	
ATS — PTT — SRPT — SA	
ATS — PGCIT — SA	
ATSM — PGCI — UT — SA	
ATS — TMAPT — SA	
ATSM — C — ADT — SA	
ATSM — ACBU — ADMAP — SA	
~~~~~	
ATSM — AST — ATR ( ATSM AUDIO STREAM ) ( ATTRIBUTE )	
ATS — AST — Ns (ATS AUDIO STREAM NUMBER)	
ATS — AST — ATRT ( ATS AUDIO STREAM ) ( ATTRIBUTE TABLE )	

b63	b62	b61	b60	b59	b58	b57	b56
AUDIO ENCODING MODE							

b55	b54	b53	b52	b51	b50	b49	b48
QUANTIZATION / DRC		fs			AUDIO CHANNEL NUMBER		

b47 \_\_\_\_\_ b40

b39 \_\_\_\_\_ b32

b31 \_\_\_\_\_ b24

b23 \_\_\_\_\_ b16

b15 b8

A horizontal timeline with tick marks and labels 'b7' and 'b0' at the ends.

FIG. 11

ATS—AST—ATRT			
AUDIO STREAM	(AST) #0	ATS—AST—ATR	8 BYTES
AUDIO STREAM	(AST) #1	ATS—AST—ATR	8 BYTES
AUDIO STREAM	(AST) #2	ATS—AST—ATR	8 BYTES
AUDIO STREAM	(AST) #3	ATS—AST—ATR	8 BYTES
AUDIO STREAM	(AST) #4	ATS—AST—ATR	8 BYTES
AUDIO STREAM	(AST) #5	ATS—AST—ATR	8 BYTES
AUDIO STREAM	(AST) #6	ATS—AST—ATR	8 BYTES
AUDIO STREAM	(AST) #7	ATS—AST—ATR	8 BYTES



FIG. 12

ATS—AST—ATR (AUDIO TITLE SET AUDIO  
STREAM ATTRIBUTE DATA)

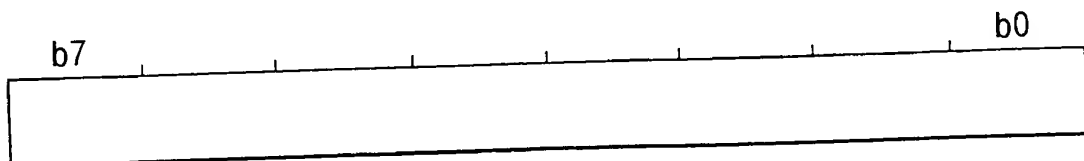
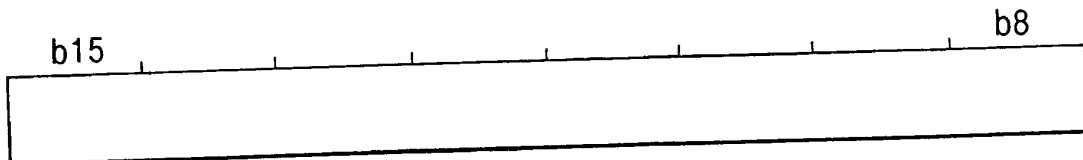
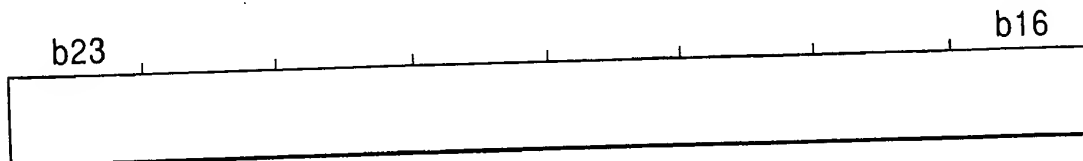
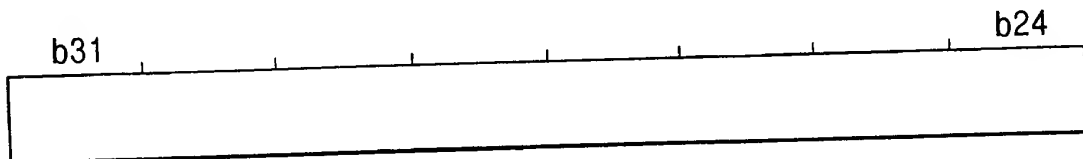
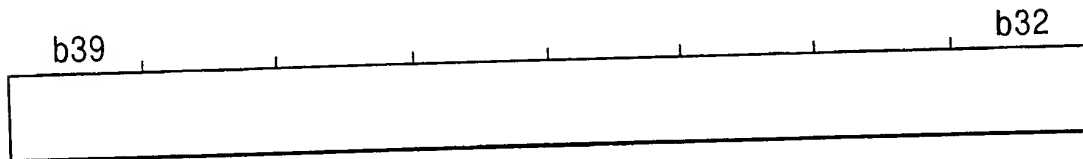
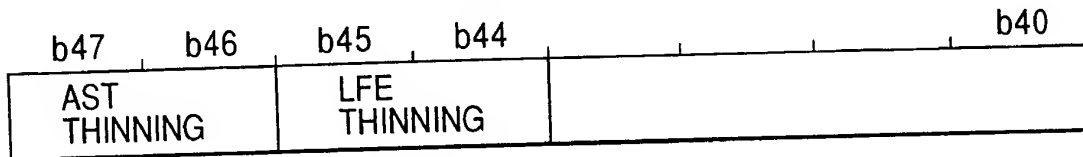
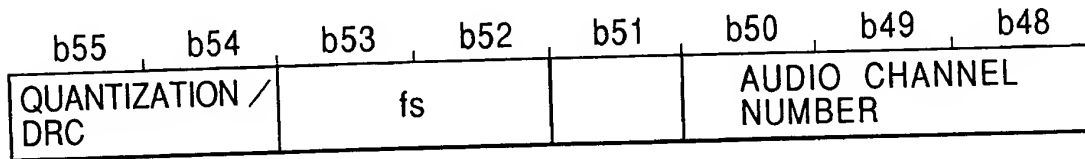
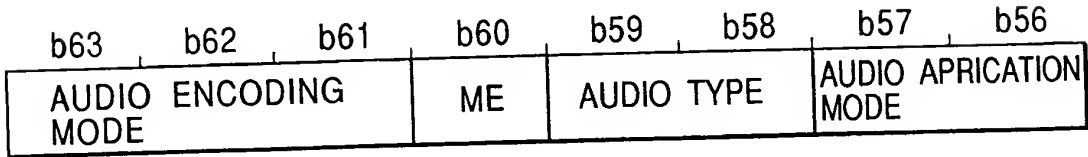
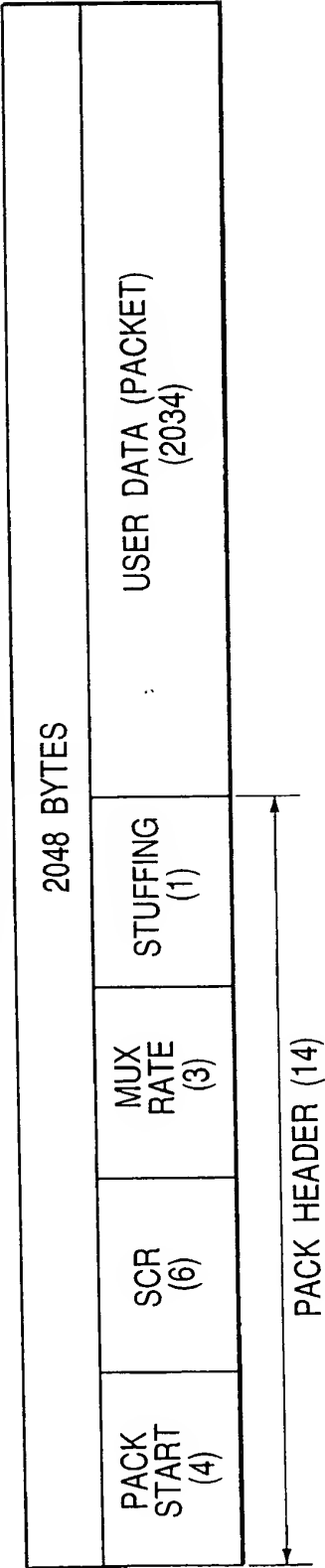
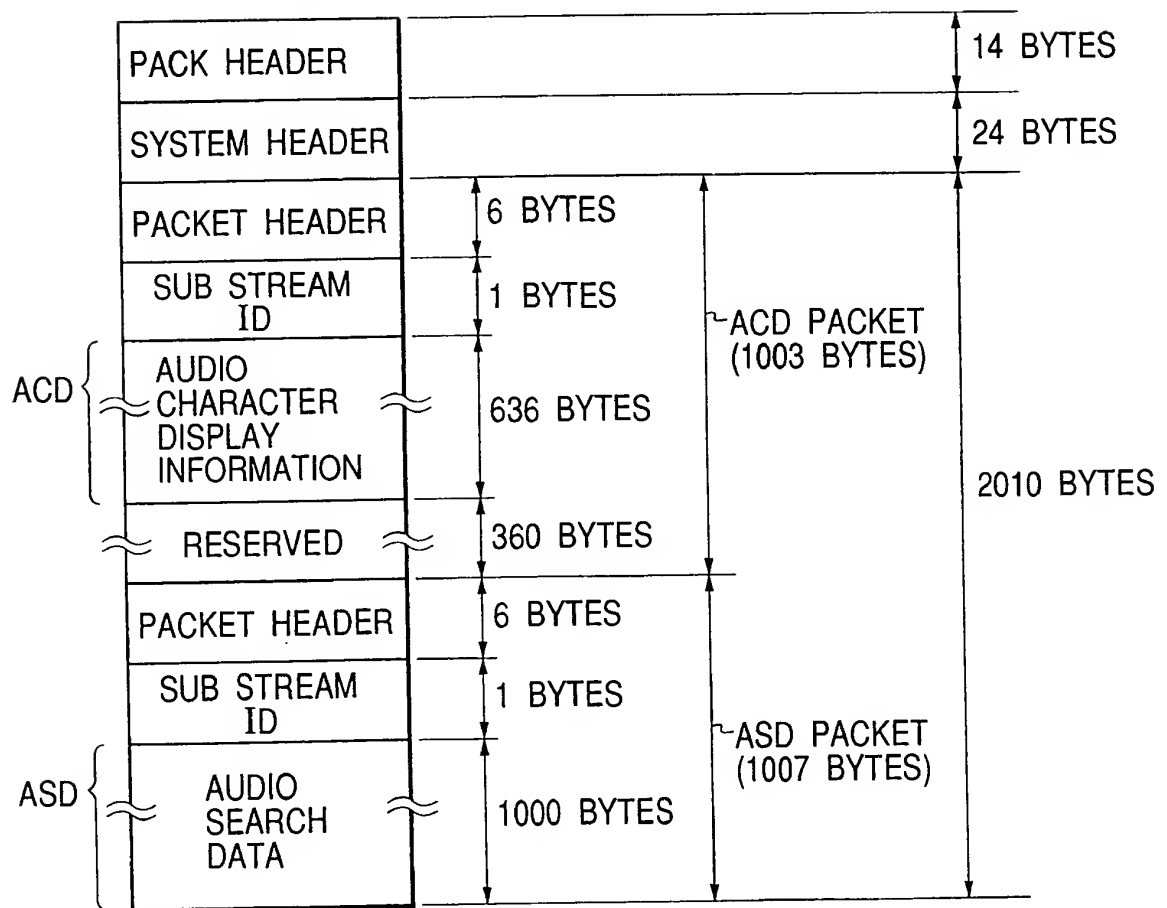




FIG. 14

AUDIO PACK (VIDEO PACK)



**FIG. 15****AUDIO CONTROL PACK (2048 BYTES)**

**FIG. 16**

ACD (636 BYTES)

GENERAL INFORMATION	48 BYTES	
NAME SPACE	93 BYTES	93 BYTES
FREE SPACE 1	93 BYTES	93 BYTES
FREE SPACE 2	93 BYTES	93 BYTES
DATA POINTER	15 BYTES	15 BYTES
TOTAL	294 BYTES	294 BYTES

FIRST LANGUAGE      SECOND LANGUAGE

**FIG. 17**

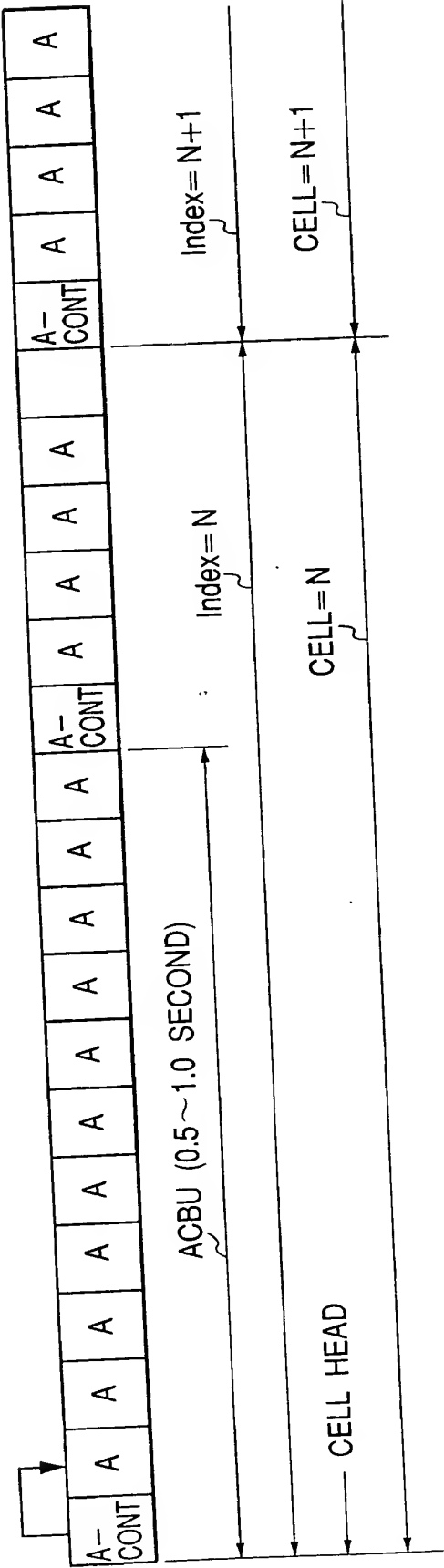
キョクモクカイセツ  
前作のエディング曲  
"FORGET-ME-NOT"

**FIG. 18**

ASD (1000 BYTES)

GENERAL	16 BYTES
PRESENT NUMBER	8 BYTES
PRESENT TIME	16 BYTES
TITLE SET SEARCH	8 BYTES
TITLE SEARCH	8 BYTES
TRACK SEARCH	404 BYTES
INDEX SEARCH	408 BYTES
HIGHLIGHT SEARCH	80 BYTES
RESERVED	52 BYTES

FIG. 19



**FIG. 20**

	2CH (STEREO)	6CH	8CH	Mbps	TIME (MIN)	ABOVE 80MIN
2ch	48khz /16bit (1.536Mbps)			1.536	387	*
	48khz /20bit (1.920Mbps)			1.920	310	*
	48khz /24bit (2.304Mbps)			2.304	258	*
	96khz /16bit (3.072Mbps)			3.072	194	*
	96khz /20bit (3.804Mbps)			3.804	156	*
	96khz /24bit (4.608Mbps)			4.608	129	*
	192khz /16bit (6.144Mbps)			6.144	97	*
	192khz /20bit (7.680Mbps)			7.680	78	
	192khz /24bit (9.216Mbps)			9.216	65	
2+6ch	48khz /16bit (1.536Mbps)	48khz /16bit (4.608Mbps)		6.144	97	*
		48khz /20bit (5.760Mbps)		7.296	82	*
		48khz /24bit (6.912Mbps)		8.448	70	
	48khz /20bit (1.920Mbps)	48khz /16bit (4.608Mbps)		6.528	91	*
		48khz /20bit (5.760Mbps)		7.680	78	
		48khz /24bit (6.912Mbps)		8.832	67	
	48khz /24bit (2.304Mbps)	48khz /16bit (4.608Mbps)		6.912	86	*
		48khz /20bit (5.760Mbps)		8.064	74	
		48khz /24bit (6.912Mbps)		9.216	65	
2+8ch	96khz /16bit (3.072Mbps)	48khz /16bit (4.608Mbps)		7.680	78	
		48khz /20bit (5.760Mbps)		8.832	67	
	96khz /20bit (3.840Mbps)	48khz /16bit (4.608Mbps)		8.448	71	
		48khz /20bit (5.760Mbps)		9.600	62	
	96khz /24bit (4.608Mbps)	48khz /16bit (4.608Mbps)		9.216	65	
2+8ch	48khz /16bit (1.536Mbps)		48khz /16bit (6.144Mbps)	7.680	78	
			48khz /20bit (7.680Mbps)	9.216	65	
2+8ch	48khz /20bit (1.920Mbps)		48khz /16bit (6.144Mbps)	8.064	74	
			48khz /20bit (7.680Mbps)	9.600	62	
6ch		48khz /16bit (4.608Mbps)		4.608	129	*
		48khz /20bit (5.760Mbps)		5.760	103	*
		48khz /24bit (6.912Mbps)		6.912	86	
		96khz /16bit (9.216Mbps)		5.216	65	
8ch			48khz /16bit (6.144Mbps)	6.144	97	*
			48khz /20bit (7.680Mbps)	7.680	78	
			48khz /24bit (9.216Mbps)	9.216	65	



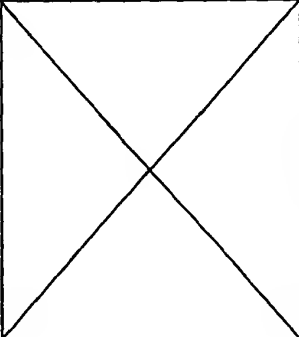
*FIG. 21*

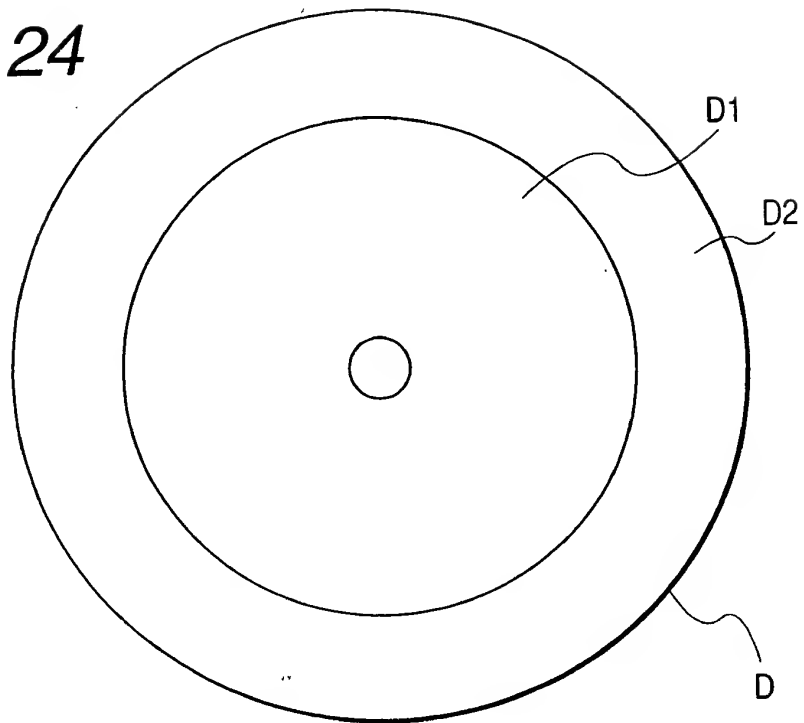
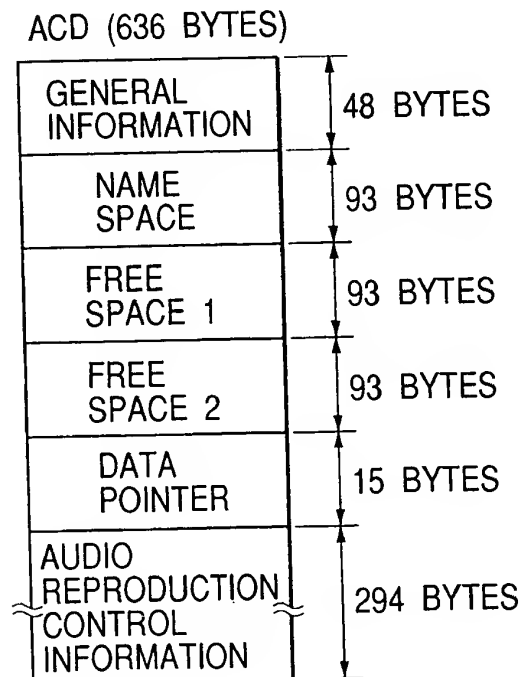
	2CH	FRONT 3CH	REAR 2CH, LFE 1CH	Mbps	TIME
2+6ch	48khz / 16bit (1.536Mbps)	96khz / 16bit (4.608Mbps)	48khz / 16bit (2.304Mbps)	8.448	70
	"	96khz / 20bit (5.760Mbps)	48khz / 16bit (2.304Mbps)	9.6	62
	48khz / 20bit (1.920Mbps)	96khz / 16bit (4.608Mbps)	48khz / 16bit (2.304Mbps)	8.832	67

*FIG. 22*

	2CH	FRONT 3CH	REAR 2CH	Mbps	TIME
2+5ch	48khz / 16bit (1.536Mbps)	96khz / 20bit (5.760Mbps)	48khz / 16bit (1.536Mbps)	8.832	67
	48khz / 20bit (1.920Mbps)	96khz / 20bit (5.760Mbps)	48khz / 16bit (1.536Mbps)	9.216	65
	48khz / 20bit (1.920Mbps)	96khz / 20bit (5.760Mbps)	48khz / 20bit (1.920Mbps)	9.6	62

*FIG. 23*

6ch		FRONT 3CH	REAR 2CH, LFE 1CH	Mbps	TIME
		96khz / 16bit (4.608Mbps)	48khz / 16bit (2.304Mbps)	6.912	86
		96khz / 20bit (5.760Mbps)	48khz / 16bit (2.304Mbps)	8.064	74
			48khz / 20bit (2.880Mbps)	8.64	68
			48khz / 24bit (3.456Mbps)	9.216	65
		96khz / 24bit (6.912Mbps)	48khz / 16bit (2.304Mbps)	9.216	65

**FIG. 24****FIG. 25**

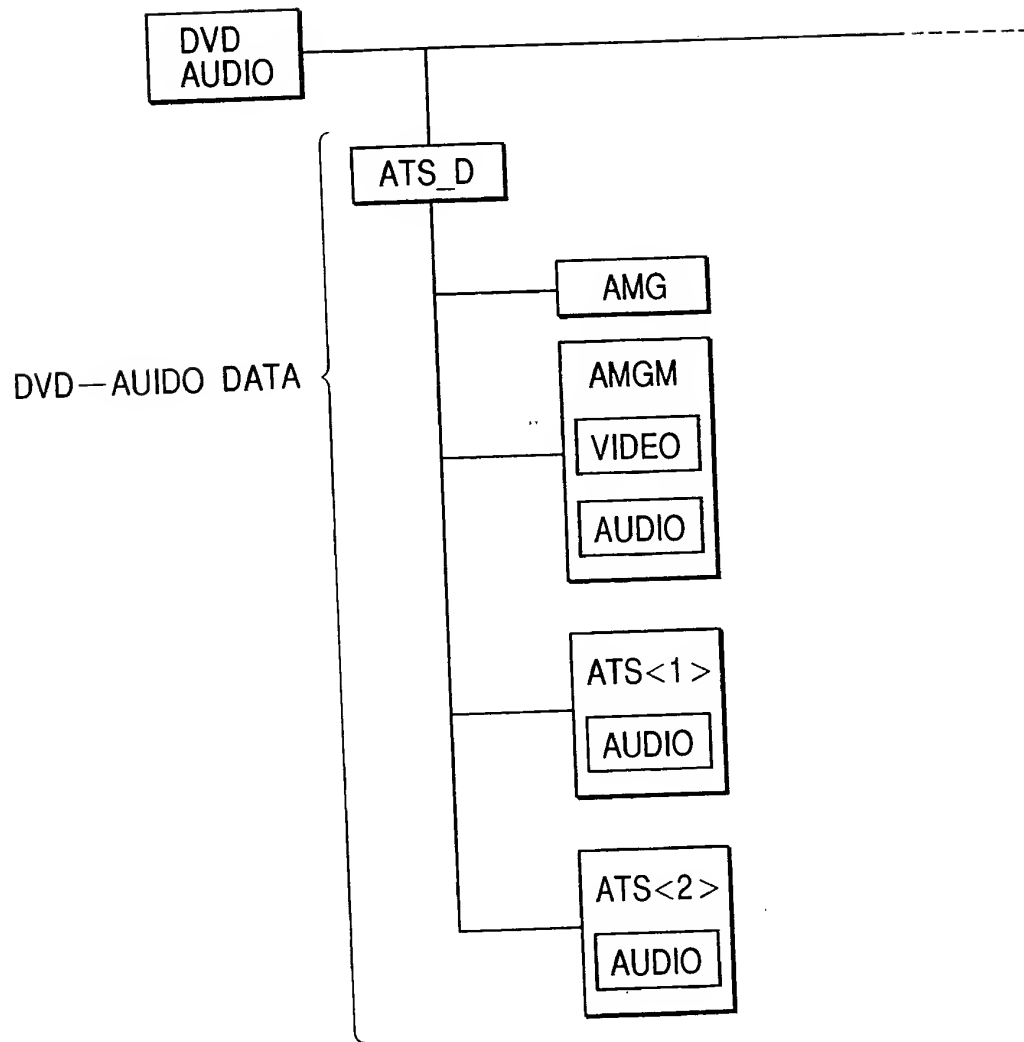
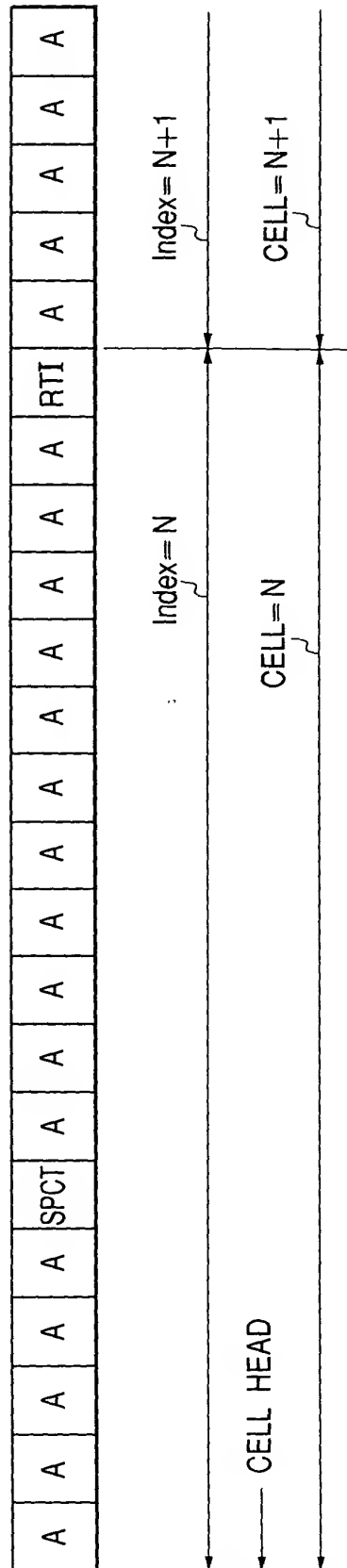
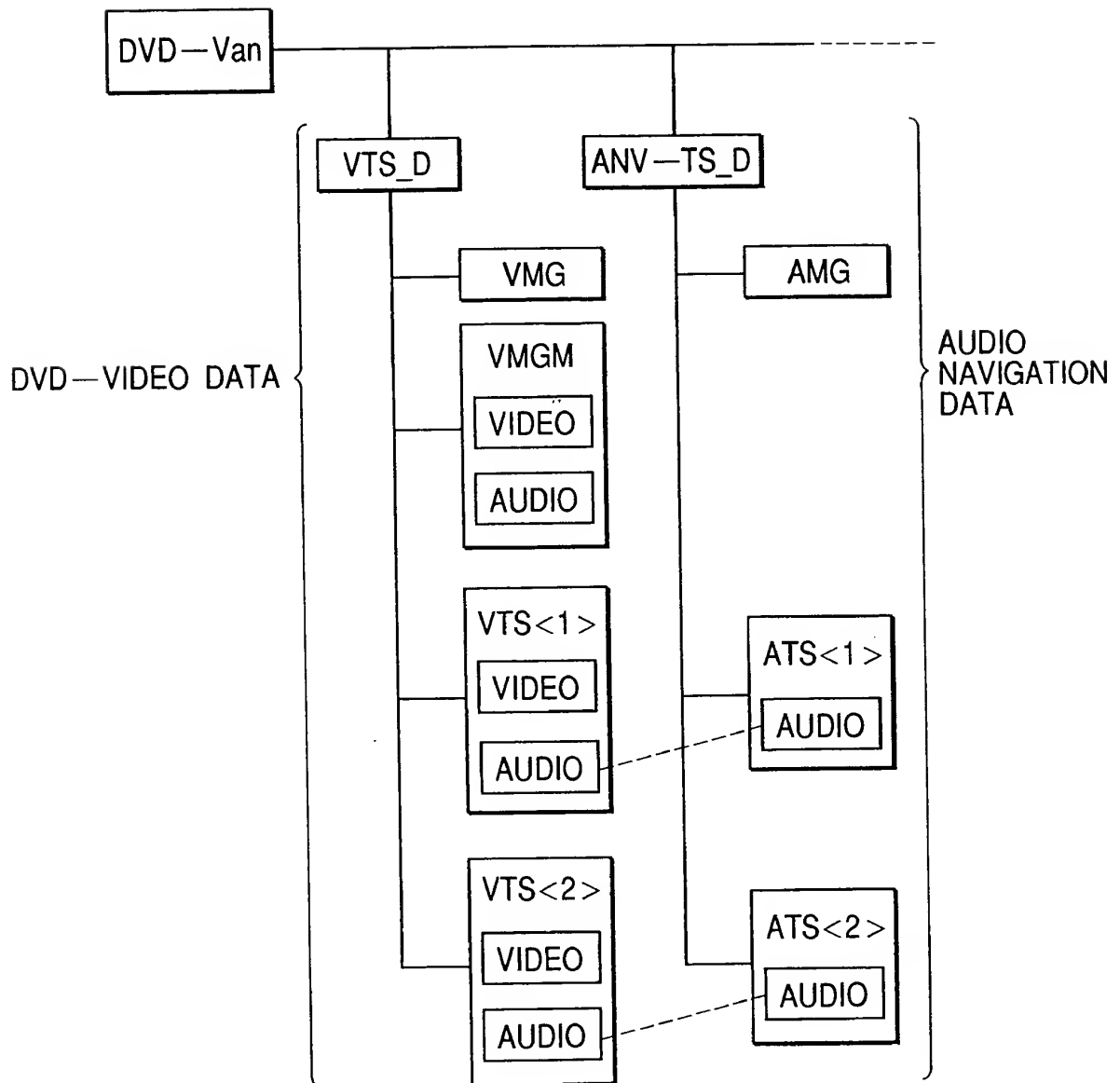
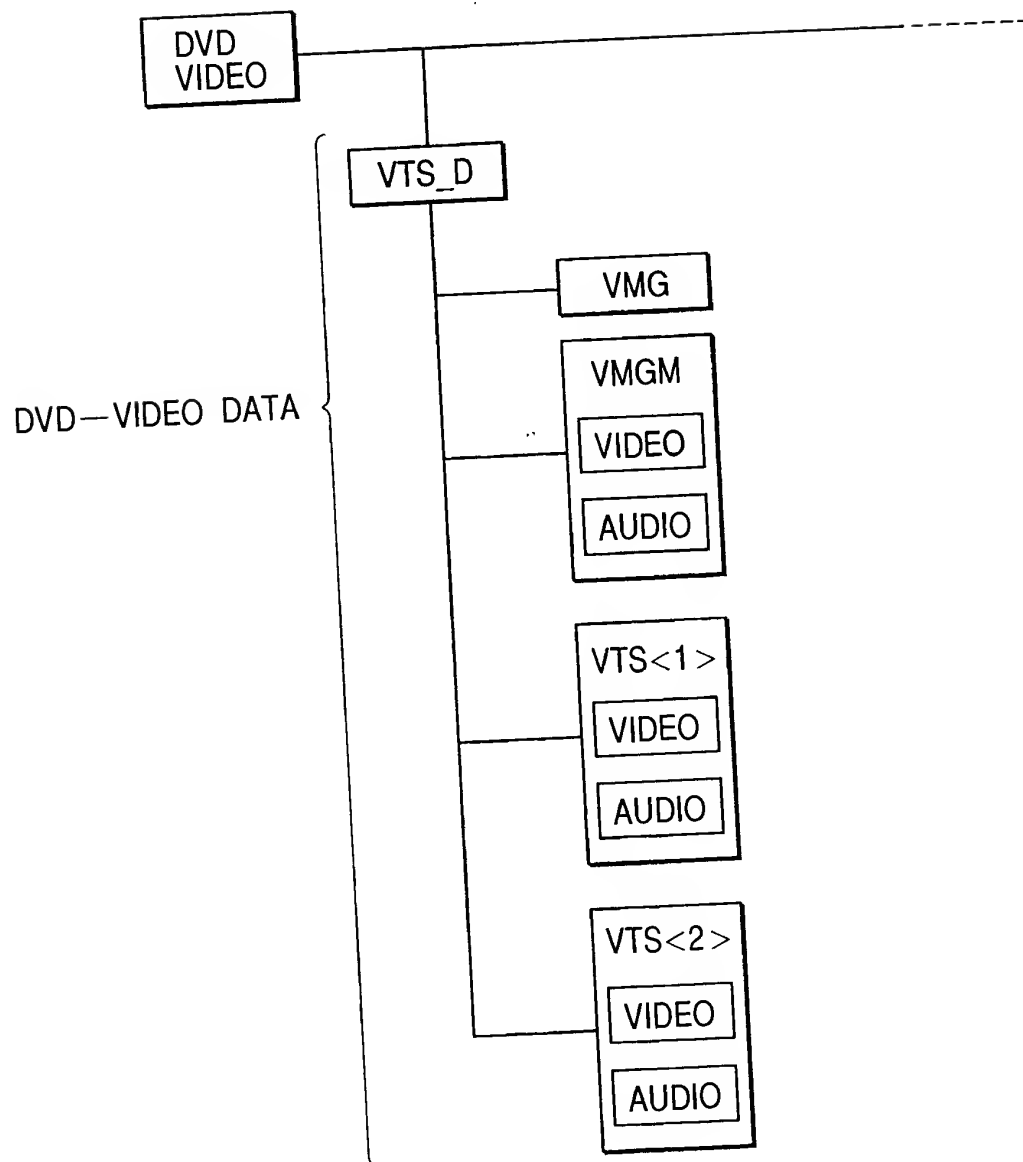
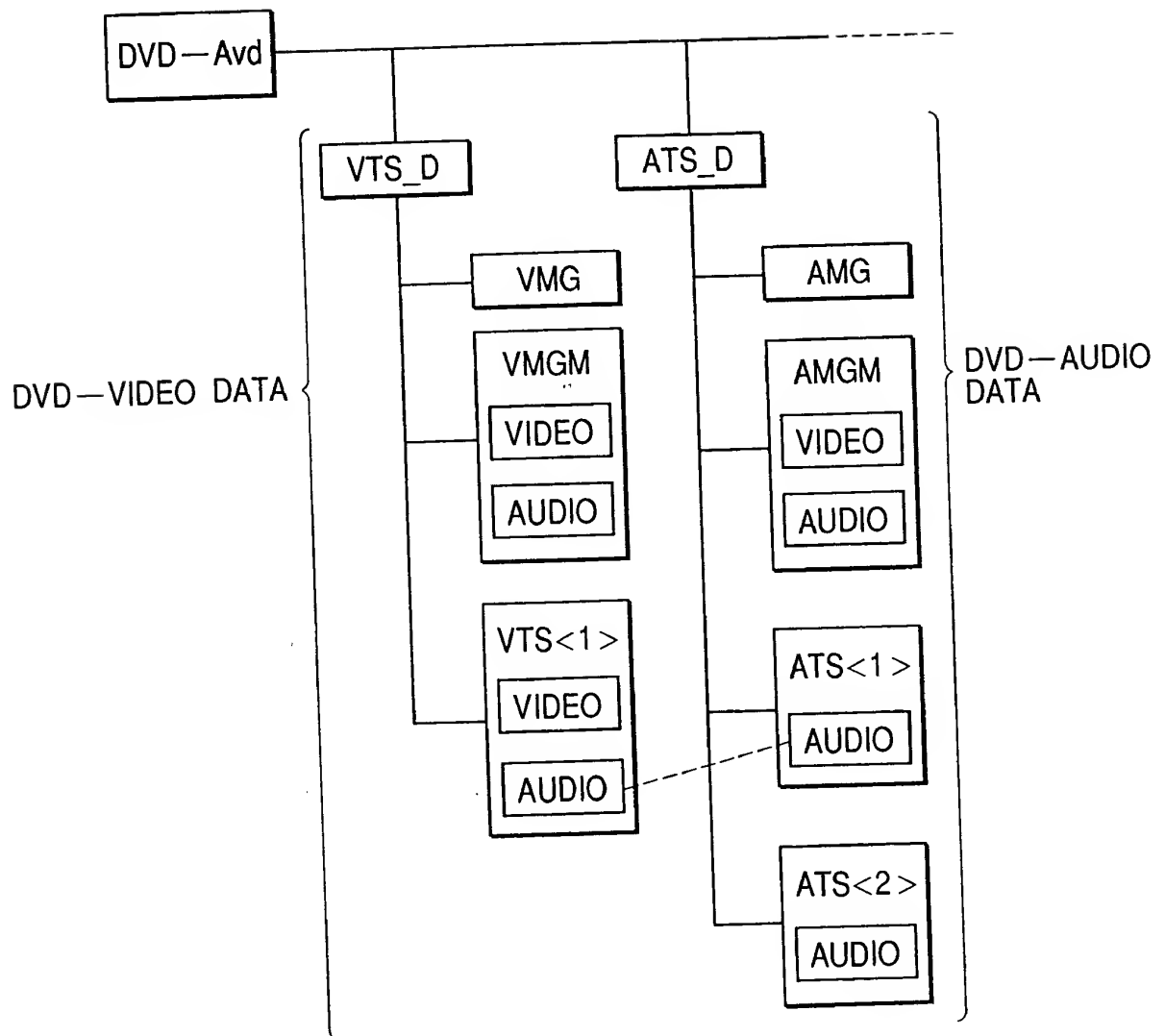
*FIG. 26*

FIG. 27



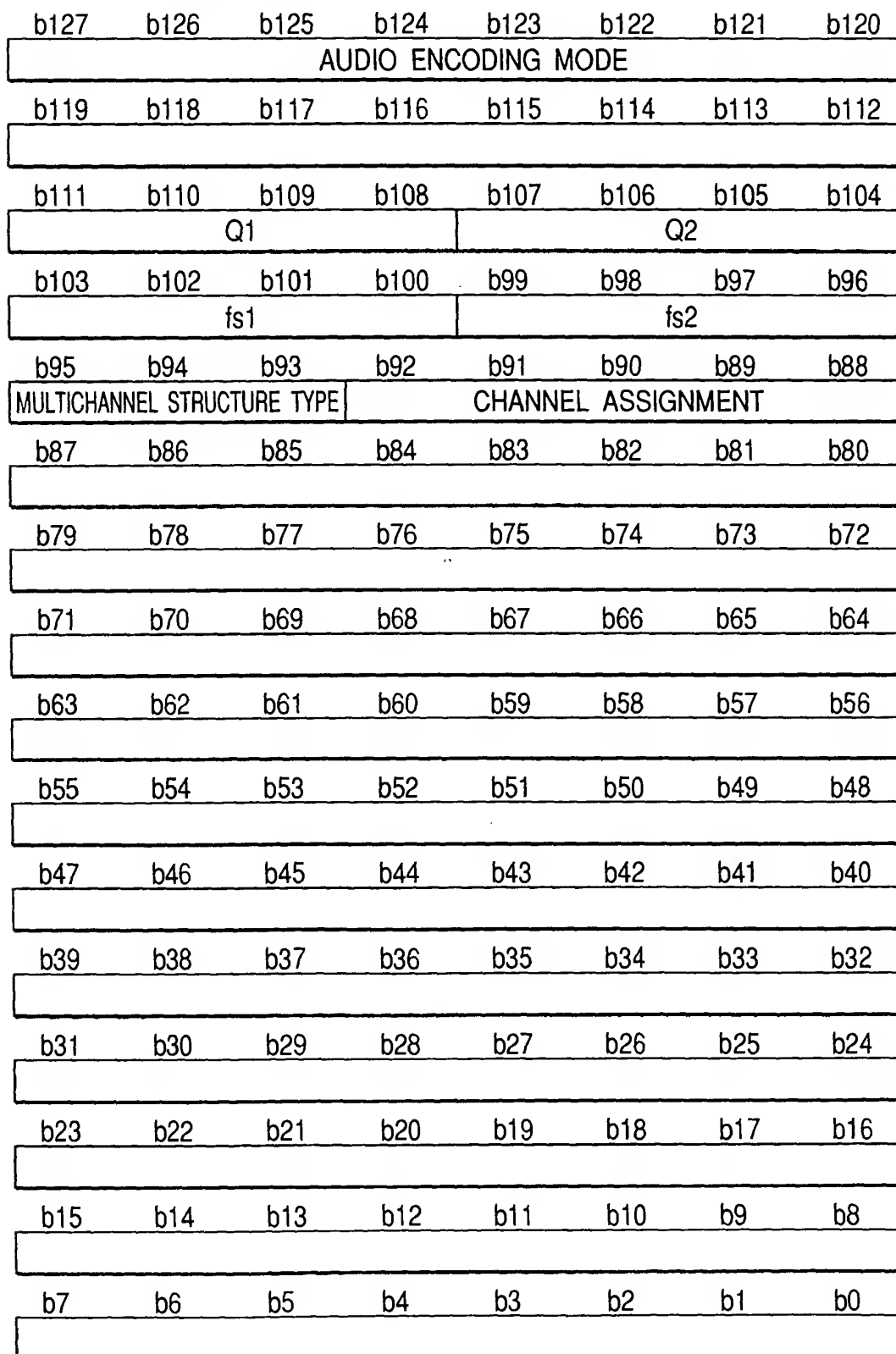
*FIG. 28*

*FIG. 29*

**FIG. 30**

**FIG. 31**

AOTT—AOB—ATR



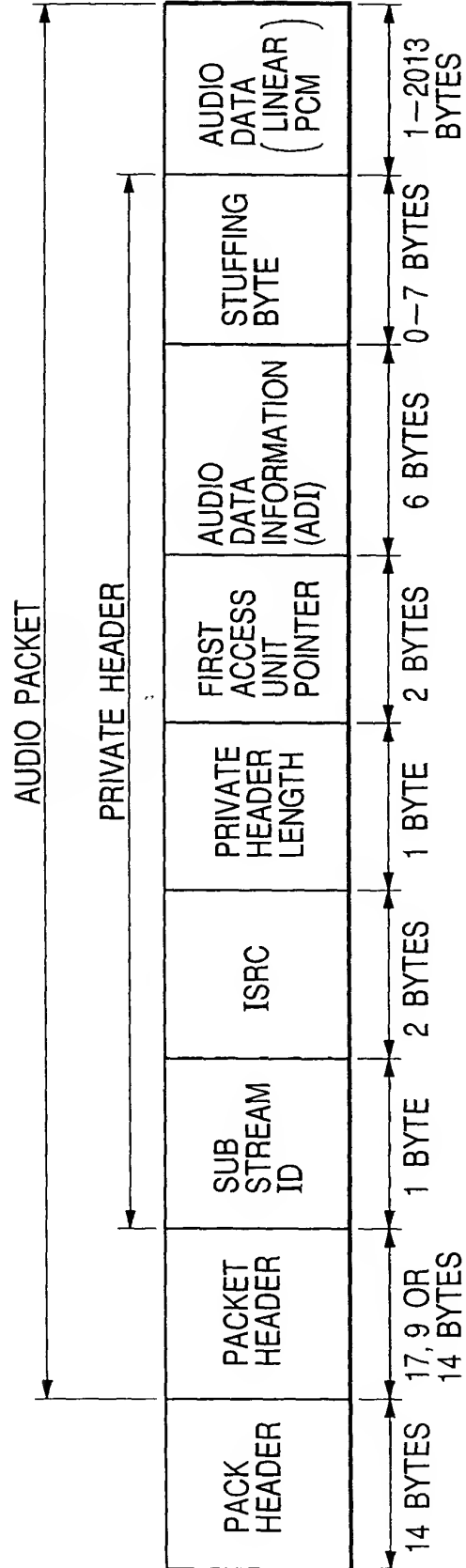


**FIG. 32**

CHANNEL ASSIGNMENT INFORMATION (BIT PATTERN)	CHANNEL STRUCTURE OF GROUPS 1, 2						CHANNEL NUMBER IN GROUP 1	CHANNEL NUMBER IN GROUP 2
	ACH0	ACH1	ACH2	ACH3	ACH4	ACH5		
00000b	C(mono)	none	none	none	none	none	1	0
00001b	L	R	none	none	none	none	2	0
00010b	Lf	Rf	S	none	none	none	2	1
00011b	Lf	Rf	Ls	Rs	none	none	2	2
00100b	Lf	Rf	LFE	none	none	none	2	1
00101b	Lf	Rf	LFE	S	none	none	2	2
00110b	Lf	Rf	LFE	Ls	Rs	none	2	3
00111b	Lf	Rf	C	none	none	none	2	1
01000b	Lf	Rf	C	S	none	none	2	2
01001b	Lf	Rf	C	Ls	Rs	none	2	3
01010b	Lf	Rf	C	LFE	none	none	2	2
01011b	Lf	Rf	C	LFE	S	none	2	3
01100b	Lf	Rf	C	LFE	Ls	Rs	2	4
01101b	Lf	Rf	C	S	none	none	3	1
01110b	Lf	Rf	C	Ls	Rs	none	3	2
01111b	Lf	Rf	C	LFE	none	none	3	1
10000b	Lf	Rf	C	LFE	S	none	3	2
10001b	Lf	Rf	C	LFE	Ls	Rs	3	3
10010b	Lf	Rf	Ls	Rs	LFE	none	4	1
10011b	Lf	Rf	Ls	Rs	C	none	4	1
10100b	Lf	Rf	Ls	Rs	C	LFE	4	2
OTHERS	RESERVED							
CHANNEL GROUP 1				CHANNEL GROUP 2				

FIG. 33

## LINEAR PCM AUDIO PACK



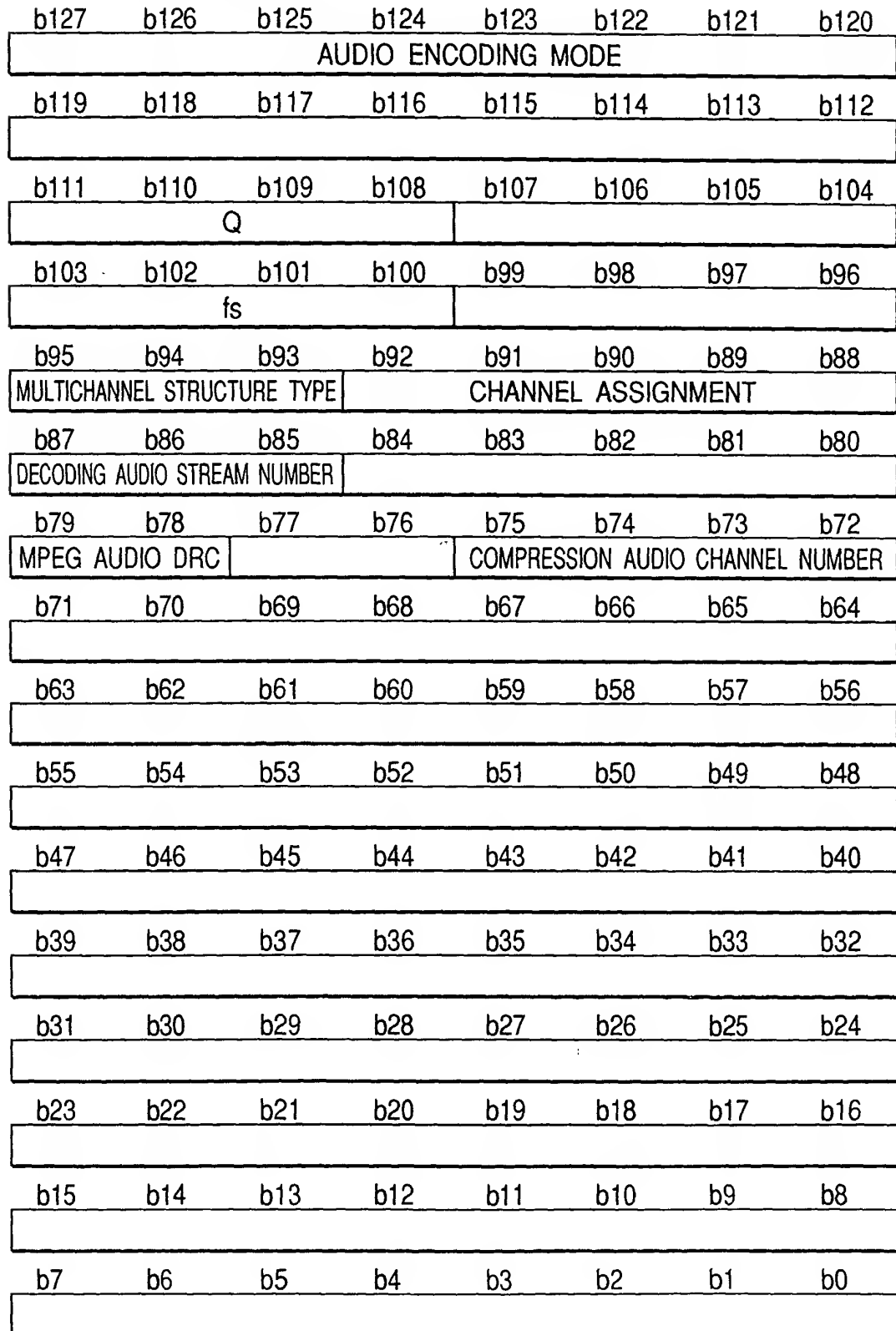
**FIG. 34**

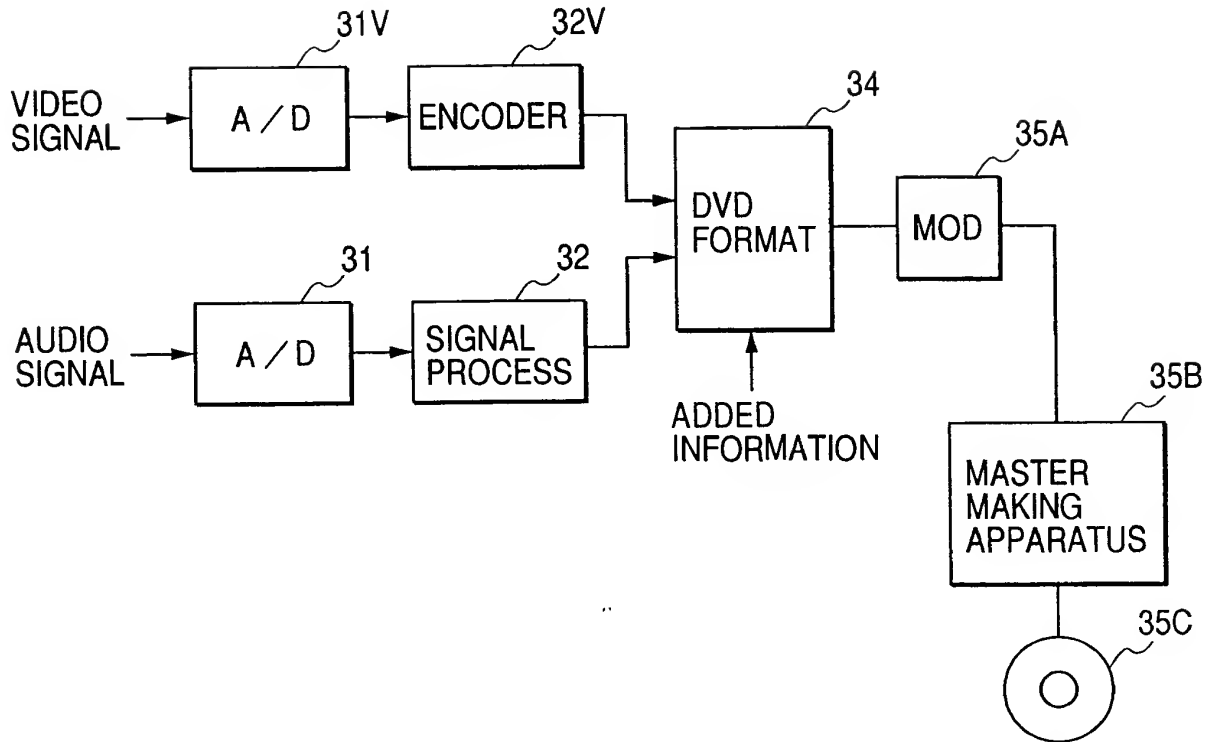
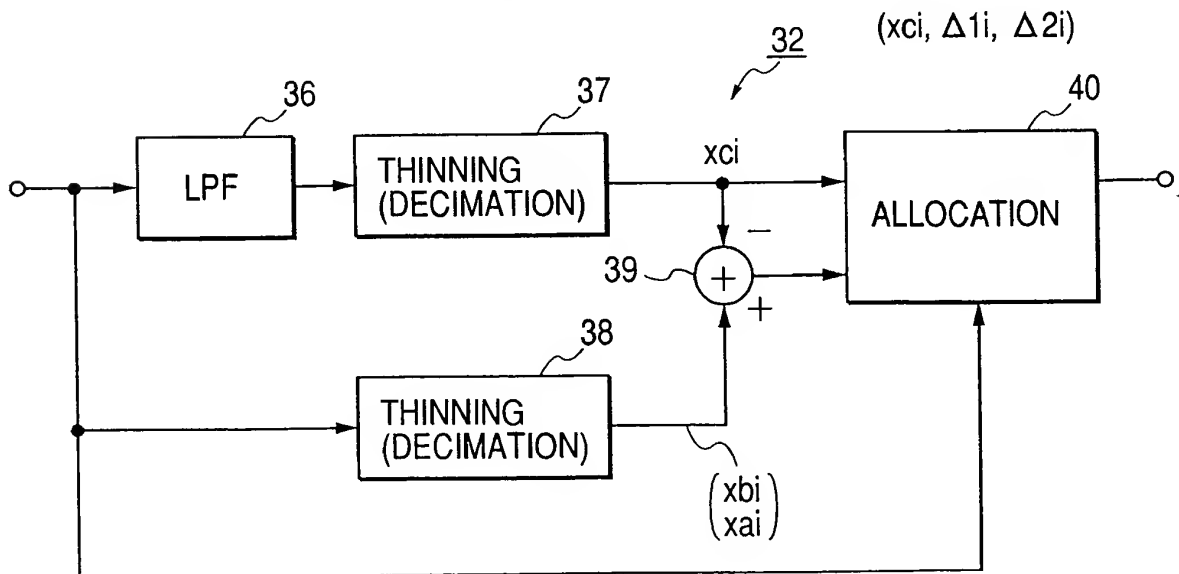
## LINEAR PCM PRIVATE HEADER

	FILED	BIT NUMBER	BYTE NUMBER
	SUB STREAM ID	8	1
	RESERVED	4	2
	ISRC NUMBER	4	
	ISRC DATA	8	
	PRIVATE HEADER LENGTH	8	1
	FIRST ACCESS UNIT POINTER	16	2
ADI {	AUDIO EMPHASIS FLAG	1	1
	RESERVED	1	
	RESERVED	2	
	DOWN MIX CODE	4	
	QUANTIZATION WORD LENGTH 1	4	1
	QUANTIZATION WORD LENGTH 2	4	
	AUDIO SAMPLING FREQUENCY $f_s$ 1	4	1
	AUDIO SAMPLING FREQUENCY $f_s$ 2	4	
	RESERVED	4	1
	MULTICHANNEL TYPE	4	
	RESERVED	3	1
	CHANNEL ASSIGNMENT	5	
	DYNAMIC RANGE CONTROL	8	1
	STUFFING BYTE	—	0—7

**FIG. 35**

AOTT-VOB-AST-ATR



**FIG. 36****FIG. 37**

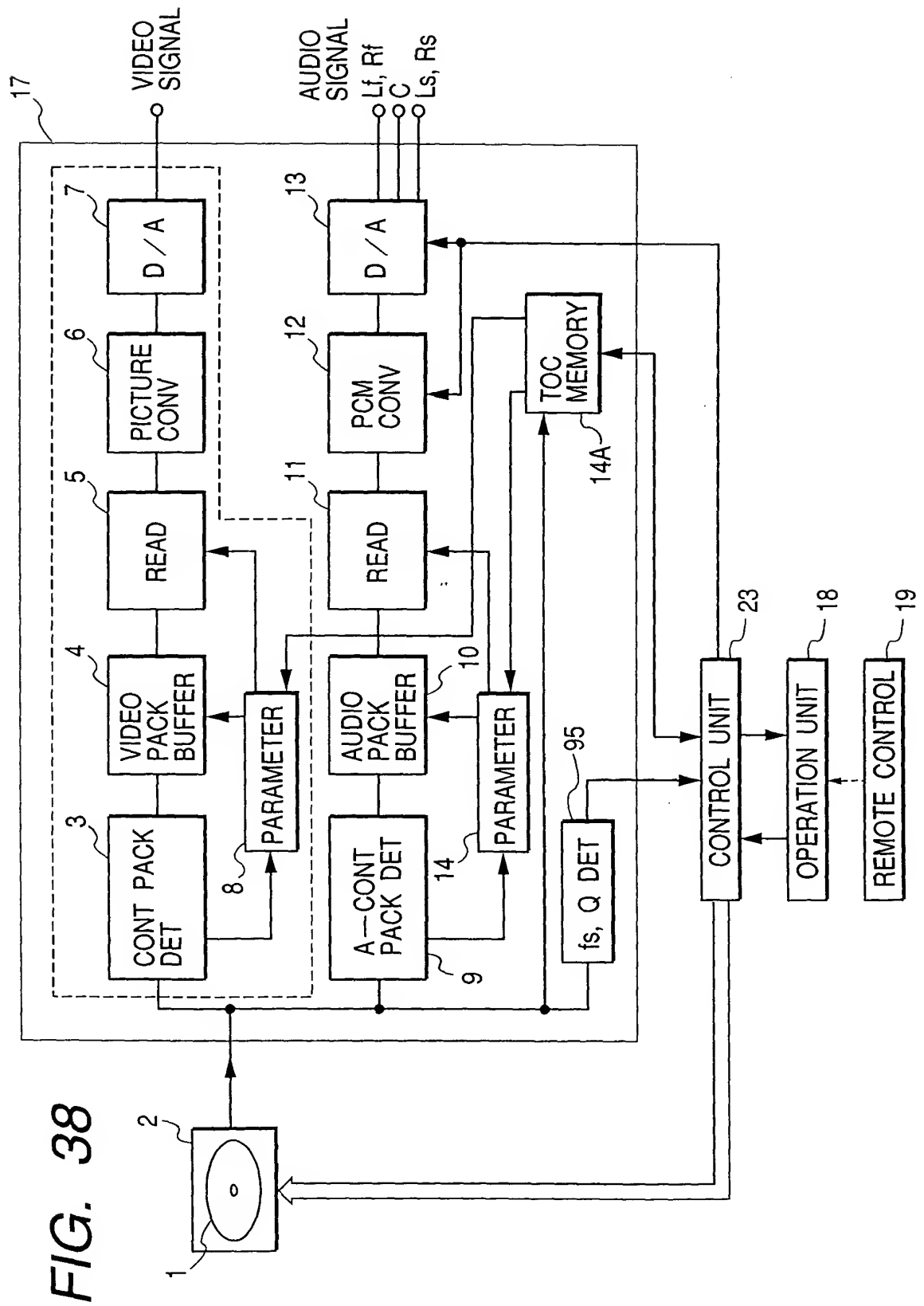
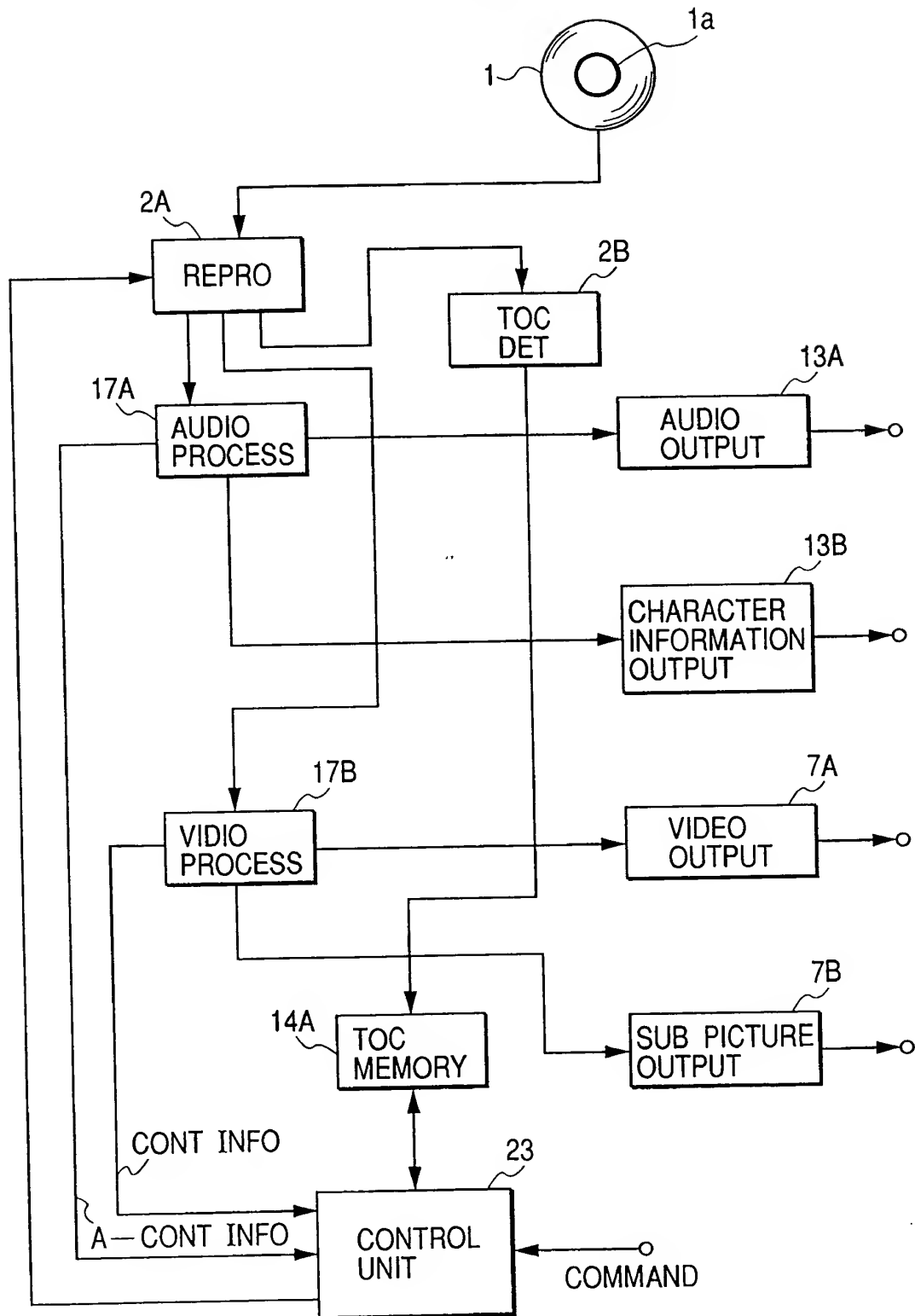


FIG. 39



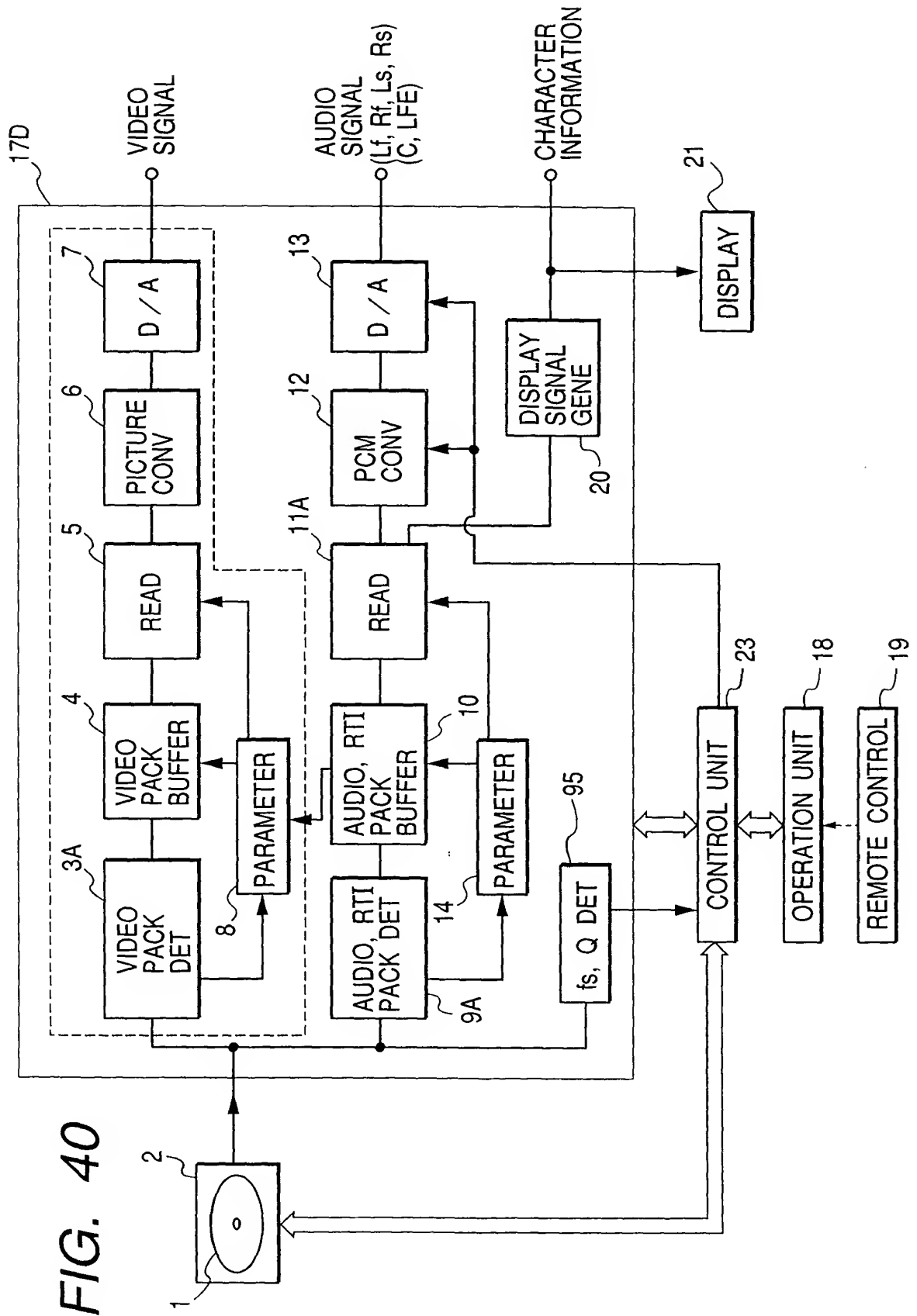




FIG. 41

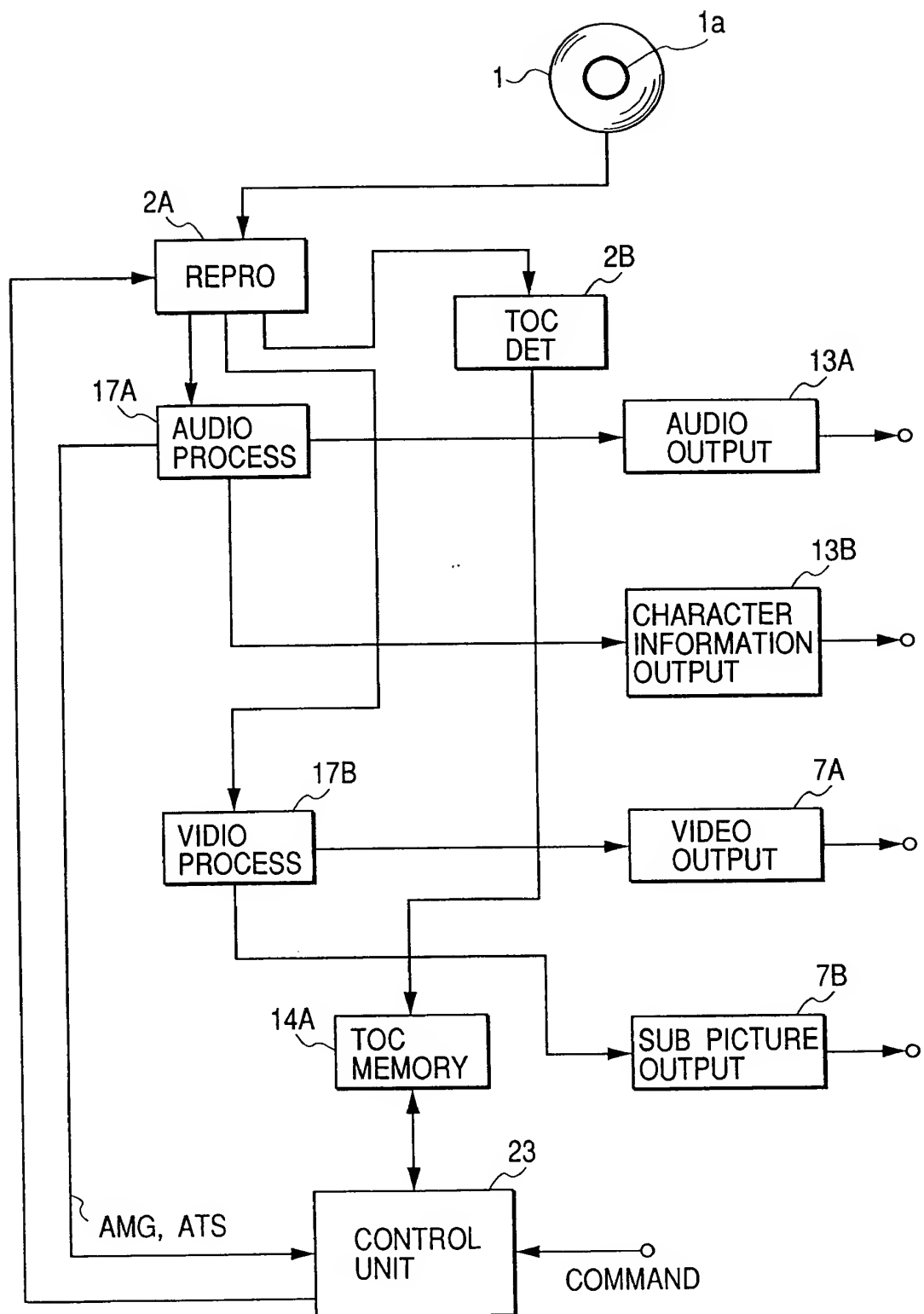


FIG. 42

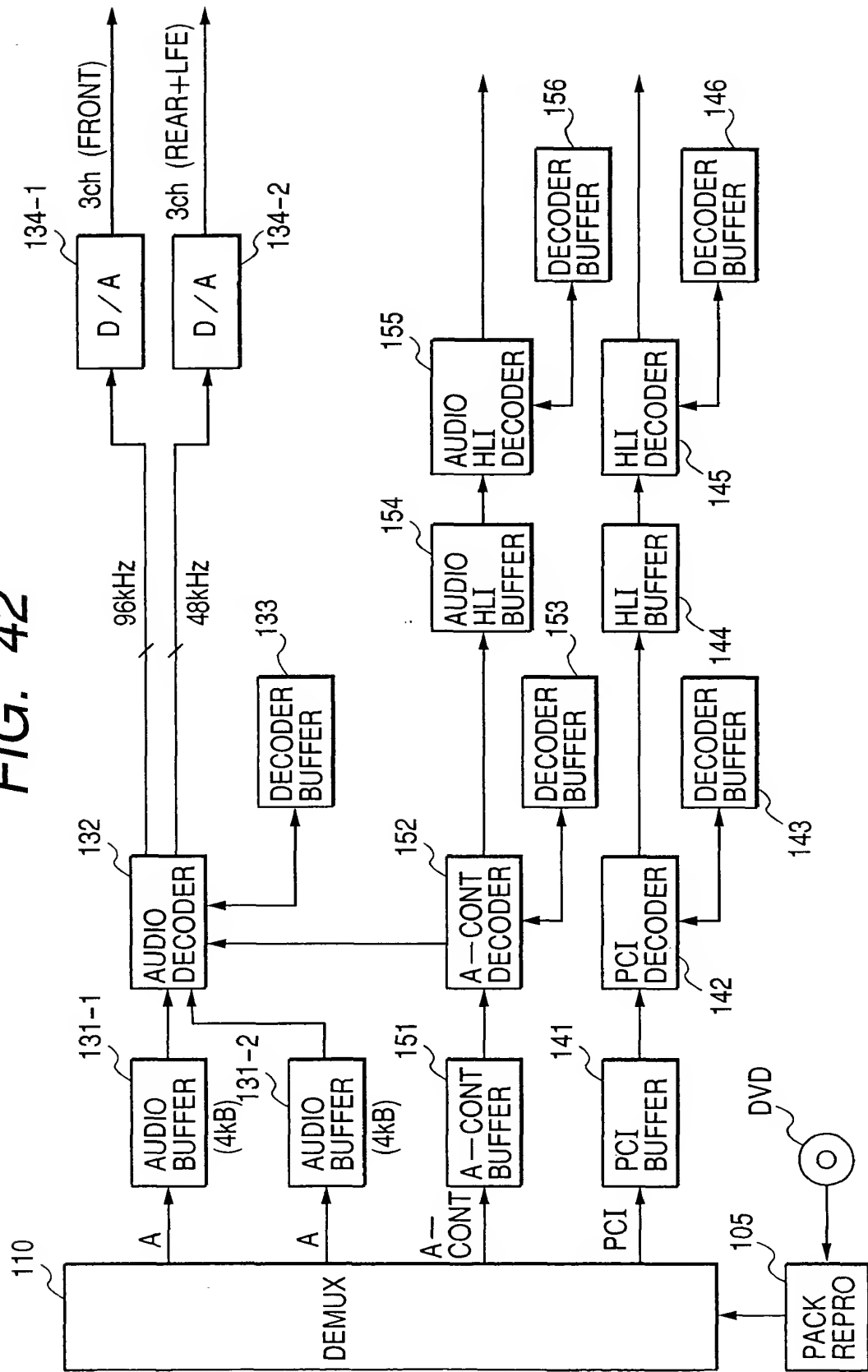


FIG. 43

